

## Environmental Protection Agency

§ 421.122

(j) Subpart K—Tantalum Powder Wash.

### PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tantalum powder washed	
Lead .....	5.721	2.656
Zinc .....	20.840	8.582
Ammonia (as N) .....	2,724.000	1,198.000
Fluoride .....	715.200	408.700

(k) Subpart K—Consolidation and Casting Contact Cooling.

### PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of columbium or tantalum cast or consolidated	
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000
Fluoride .....	.000	.000

[49 FR 8817, Mar. 8, 1984, as amended at 50 FR 12253, Mar. 28, 1985]

§ 421.117 [Reserved]

## Subpart L—Secondary Silver Subcategory

SOURCE: 49 FR 8821, Mar. 8, 1984, unless otherwise noted.

### § 421.120 Applicability: Description of the secondary silver subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of silver from secondary silver facilities processing photographic and nonphotographic raw materials.

[49 FR 8821, Mar. 8, 1984; 49 FR 26739, June 29, 1984]

### § 421.121 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

### § 421.122 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

(a) Subpart L—Film Stripping.

#### BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from film stripping	
Copper .....	95.670	50.350
Zinc .....	73.510	30.720
Ammonia (as N) .....	6,712.000	2,951.000
Total suspended solids .....	2,065.000	981.800
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(b) Subpart L—Film Stripping Wet Air Pollution Control and Precipitation and Filtration of Film Stripping Solutions Wet Air Pollution Control.

#### BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from precipitation and filtration of film stripping solutions	
Copper .....	1.843	.970
Zinc .....	1.416	.592
Ammonia (as N) .....	129.300	56.840
Total suspended solids .....	39.770	18.920
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(c) Subpart L—Precipitation and Filtration of Film Stripping Solutions.

#### BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver precipitated	
Copper .....	109.400	57.570
Zinc .....	84.050	35.120
Ammonia (as N) .....	7,674.000	3,374.000

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BPT EFFLUENT LIMITATIONS—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Total suspended solids .....	2,361.000	1,123.000
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(d) Subpart L—Precipitation and Filtration of Photographic Solutions.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver precipitated	
Copper .....	50.540	26.600
Zinc .....	38.836	16.226
Ammonia (as N) .....	3,545.000	1,559.000
Total suspended solids .....	1,090.600	518.700
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(e) Subpart L—Precipitation and Filtration of Photographic Solutions Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver from precipitation and filtration of photographic solutions	
Copper .....	23.070	12.140
Zinc .....	17.730	7.406
Ammonia (as N) .....	1,618.000	711.400
Total suspended solids .....	497.800	236.800
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(f) Subpart L—Electrolytic Refining.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver from electrolytic refining	
Copper .....	1.444	.760
Zinc .....	1.110	.464
Ammonia (as N) .....	101.300	44.540
Total suspended solids .....	31.160	14.820
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(g) Subpart L—Furnace Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver roasted, smelted, or dried	
Copper .....	1.273	.670
Zinc .....	.978	.409
Ammonia (as N) .....	89.310	39.260
Total suspended solids .....	27.470	13.070
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(h) Subpart L—Leaching.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver produced from leaching	
Copper .....	.164	.086
Zinc .....	.126	.053
Ammonia (as N) .....	11.470	5.040
Total suspended solids .....	3.526	1.677
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(i) Subpart L—Leaching Wet Air Pollution Control and Precipitation of Nonphotographic Solutions Wet Air Pollution Control.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver produced from leaching or silver precipitated	
Copper .....	8.417	4.430
Zinc .....	6.468	2.703
Ammonia (as N) .....	590.500	259.600
Total suspended solids .....	181.700	86.390
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(j) Subpart L—Precipitation and Filtration of Nonphotographic Solutions.

BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/roy ounce of silver precipitated	
Copper .....	5.833	3.070
Zinc .....	4.482	1.873
Ammonia (as N) .....	409.300	179.900
Total suspended solids .....	125.900	59.870
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

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(k) Subpart L—Floor and Equipment Washdown.

### BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver production	
Copper .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000
Total suspended solids .....	.000	.000
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

[49 FR 8821, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

### § 421.123 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart L—Film Stripping.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from film stripping	
Copper .....	64.450	30.720
Zinc .....	51.360	21.150
Ammonia (as N) .....	6,712.000	2,951.000

(b) Subpart L—Film Stripping Wet Air Pollution Control and Precipitation and Filtration of Film Stripping Solutions Wet Air Pollution Control.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from precipitation and filtration of film stripping solutions	
Copper .....	1.242	.592
Zinc .....	.990	.408

### BAT EFFLUENT LIMITATIONS—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Ammonia (as N) .....	129.300	56.840

(c) Subpart L—Precipitation and Filtration of Film Stripping Solutions.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver precipitated	
Copper .....	73.690	35.120
Zinc .....	58.720	24.180
Ammonia (as N) .....	7,674.000	3,374.000

(d) Subpart L—Precipitation and Filtration of Photographic Solutions.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver precipitated	
Copper .....	34.048	16.226
Zinc .....	27.132	11.172
Ammonia (as N) .....	3,545.000	1,559.000

(e) Subpart L—Precipitation and Filtration of Photographic Solutions Wet Air Pollution Control.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from precipitation and filtration of photographic solutions	
Copper .....	15.540	7.406
Zinc .....	12.380	5.099
Ammonia (as N) .....	1,618.000	711.400

(f) Subpart L—Electrolytic Refining.

### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/troy ounce of silver from electrolytic refining	
Copper .....	.973	.464
Zinc .....	.775	.319
Ammonia (as N) .....	101.300	44.540